

| INFORMATION DISCLOSURE<br>CITATION<br><br>PTO-1449                            |            |         |                                   | ATTORNEY'S DKT NO.<br>018775-718 |          | APPLICATION NO.<br>08/988,537                   |  |
|---|------------|---------|-----------------------------------|----------------------------------|----------|---|--|
|   |            |         |                                   | APPLICANT<br>ISHIBASHI et al.    |          |   |  |
|   |            |         |                                   | FILING DATE<br>December 10, 1997 |          | GROUP<br>Unknown                                |  |
| <b>U.S. PATENT DOCUMENTS</b>  |            |         |                                   |                                  |          |   |  |
| EXAMINER'S INITIALS   | PATENT NO. | DATE    | NAME                              | CLASS                            | SUBCLASS | FILING DATE<br>12-10-97<br>P.T. & TRADEMARK OFF |  |
| AA  | 5,635,948  | 06/1997 | Tonosaki                          |                                  |          |   |  |
| AA  | 5,388,990  | 02/1995 | Beckman                           |                                  |          |   |  |
| AA  | 5,315,339  | 05/1994 | Hamada et al.                     |                                  |          |   |  |
| AA  | 5,200,774  | 04/1993 | Nakajima                          |                                  |          |   |  |
| AA  | 5,138,354  | 08/1992 | Okada et al.                      |                                  |          |   |  |
|   |            |         |                                   |                                  |          |   |  |
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|   |            |         |                                   |                                  |          |   |  |
|   |            |         |                                   |                                  |          |   |  |
| <b>FOREIGN PATENT DOCUMENTS</b>   |            |         |                                   |                                  |          |   |  |
| EXAMINER'S INITIALS   | PATENT NO. | DATE    | COUNTRY                           | CLASS                            | SUBCLASS | Translation<br>Yes No                           |  |
| AA  | 3-56923    | 03/1991 | Japan (English Abstract Attached) |                                  |          |   |  |
|   |            |         |                                   |                                  |          |   |  |
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|   |            |         |                                   |                                  |          |   |  |
|   |            |         |                                   |                                  |          |   |  |
| <b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b> |            |         |                                   |                                  |          |   |  |
|   |            |         |                                   |                                  |          |   |  |
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| EXAMINER<br>AAK Award   |            |         |                                   | DATE CONSIDERED<br>08-13-99      |          |   |  |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.